

- Manuals.plus /
- › [TECHTONGDA](#) /
- › TECHTONGDA Commercial Grain Grinding Machine User Manual

TECHTONGDA B08FBTG5T8

TECHTONGDA Commercial Grain Grinding Machine User Manual

Model: B08FBTG5T8

1. INTRODUCTION

This manual provides essential instructions for the safe and efficient operation, maintenance, and troubleshooting of your TECHTONGDA Commercial Grain Grinding Machine. Please read this manual thoroughly before operating the machine and retain it for future reference.



Image 1.1: The TECHTONGDA Commercial Grain Grinding Machine, showcasing its stainless steel construction, feed hopper, discharge port, and included accessories like grinding discs, scoop, brush, and collection bag. Various grains and spices are displayed, indicating its versatile application for dry materials.

The TECHTONGDA Commercial Grain Grinding Machine is designed for grinding various dry materials such as grains, spices, and coffee beans. Its robust stainless steel construction ensures durability and ease of cleaning, making it suitable for commercial environments.

2. IMPORTANT SAFETY INSTRUCTIONS

- Always ensure the machine is placed on a stable, level surface before operation.
- Do not operate the machine with wet hands or in wet conditions.

- Keep hands and foreign objects away from the feed inlet and discharge port during operation.
- Ensure the power cord is not damaged and is properly connected to a grounded outlet.
- This machine is designed for **dry grain only**. Do not process wet or oily materials, as this can damage the machine and pose a safety risk.
- In case of an emergency, immediately press the red emergency stop switch.
- Unplug the machine from the power source before cleaning, maintenance, or when not in use.
- Do not attempt to bypass safety features or modify the machine.

3. PRODUCT OVERVIEW

Familiarize yourself with the components of your grain grinding machine:

Overload protection and continuous operation

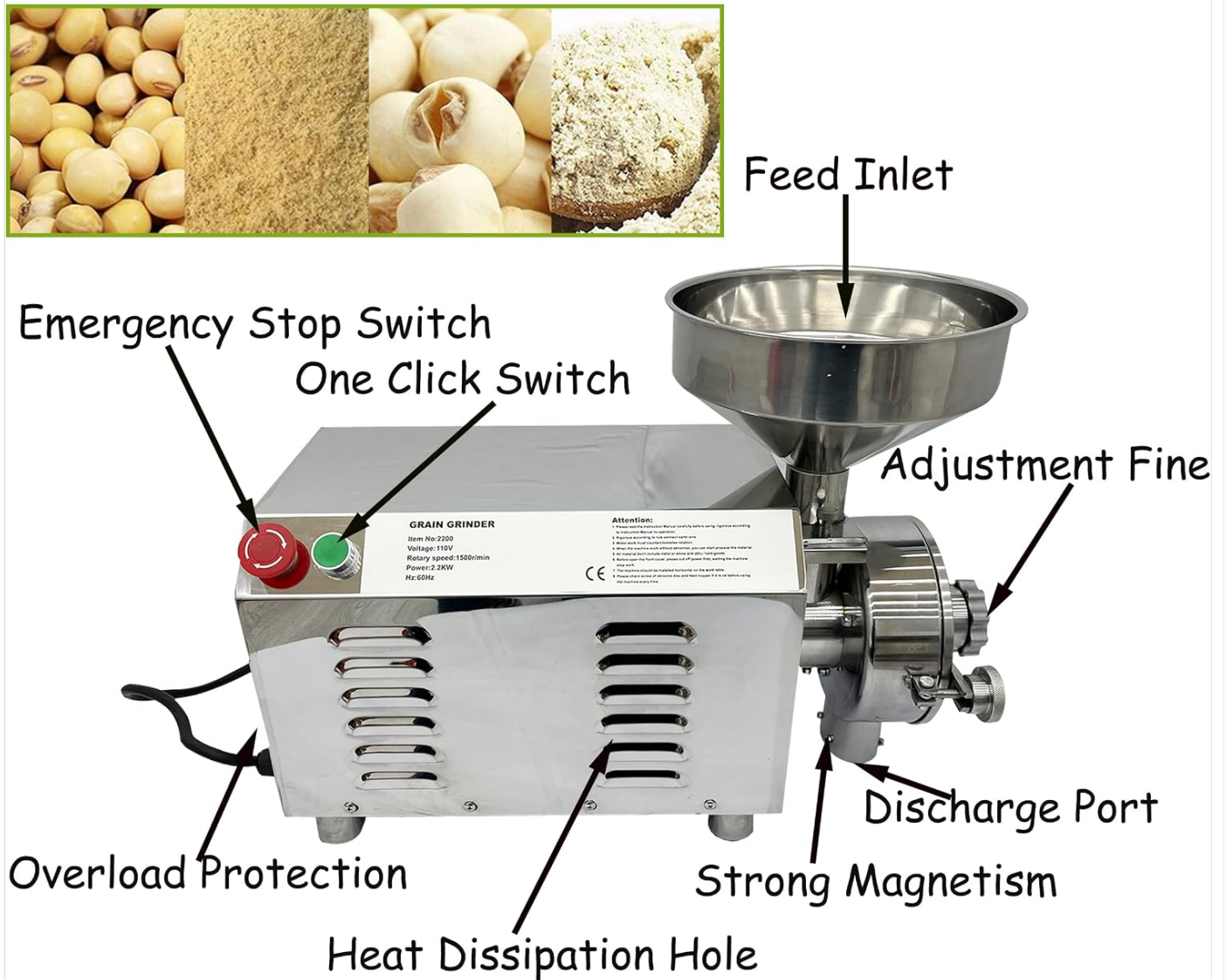


Image 3.1: A detailed view of the grain grinding machine with key components labeled. These include the Feed Inlet, Emergency Stop Switch (red), One Click Switch (green), Overload Protection, Heat Dissipation Hole, Adjustment Fine knob, Discharge Port, and Strong Magnetism device at the powder outlet.

- **Feed Inlet:** Where materials are loaded for grinding.
- **Emergency Stop Switch:** Red button for immediate shutdown.

- **One Click Switch:** Green button for normal operation (On/Off).
- **Overload Protection:** Automatically activates to protect the motor.
- **Heat Dissipation Holes:** Vents for motor cooling.
- **Adjustment Fine Knob:** Controls the fineness of the grind (50 to 150 mesh).
- **Discharge Port:** Where ground material exits the machine.
- **Strong Magnetism Device:** Located at the powder outlet to absorb metallic particles.

4. SETUP

1. **Unpacking:** Carefully remove all components from the packaging. Inspect the machine for any signs of damage during transit.
2. **Placement:** Position the machine on a sturdy, flat, and dry surface. Ensure there is adequate space around the machine for ventilation and operation.
3. **Power Connection:** Connect the power cord to a compatible 110V grounded electrical outlet. Ensure the voltage matches the machine's requirements.
4. **Initial Cleaning:** Before first use, wipe down all food-contact surfaces with a damp cloth.



Image 4.1: Rear view of the TECHTONGDA Commercial Grain Grinding Machine, illustrating the power cord connection point and the

overall compact design.

5. OPERATION

1. **Prepare Materials:** Ensure all materials to be ground are completely dry. This machine is not suitable for wet or oily grains.
2. **Adjust Fineness:** Turn the "Adjustment Fine" knob to select the desired fineness level, ranging from 50 to 150 mesh. Turning towards "Fine" will produce finer powder, while turning towards "Coarse" will result in a coarser grind.



Image 5.1: Close-up view of the fineness adjustment knob, showing the numerical scale and indicators for 'Coarse' and 'Fine' settings, allowing precise control over the grind size.

3. **Load Materials:** Carefully pour the dry materials into the Feed Inlet. Do not overfill.



Image 5.2: Close-up of the large capacity feed inlet, designed for efficient loading of materials into the grinding chamber.

4. **Start Grinding:** Press the green "One Click Switch" to start the machine.
5. **Collection:** Ground material will exit through the Discharge Port. Ensure a collection bag or container is in place. The machine has a production capacity of 30-60kg/h (66-130lb/h).
6. **Overload Protection:** If the machine is overloaded, the overload protection feature will activate, stopping the motor to prevent damage. Reduce the amount of material and restart the machine.
7. **Stop Grinding:** Press the green "One Click Switch" to stop the machine. For immediate shutdown, press the red "Emergency Stop Switch".



Image 5.3: The grain grinding machine shown in operation, surrounded by various dry materials such as medicinal herbs, grains, and spices, emphasizing its suitability for these types of ingredients. A clear warning states: "It is used for dry grain, not for wet and oily grain."

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your machine.

1. **Cleaning:** After each use, unplug the machine. Disassemble the grinding chamber components (if applicable and safe to do so) and clean them thoroughly. The stainless steel construction allows for easy cleaning. Use a brush to remove any residual powder.
2. **Magnetic Device:** Periodically clean the four high-intensity magnetic devices at the powder outlet to ensure they effectively absorb micro-amounts of wear metal material.



Image 6.1: A close-up view of the powder outlet, highlighting the integrated strong magnetic device designed to capture any metallic particles during the grinding process, ensuring product purity.

3. **Heat Dissipation Vents:** Keep the heat dissipation vents clear of dust and debris to ensure proper motor cooling and prevent overheating.
4. **Grinding Discs:** Inspect the grinding discs regularly for wear. Replace them if they show significant signs of wear to maintain grinding efficiency.

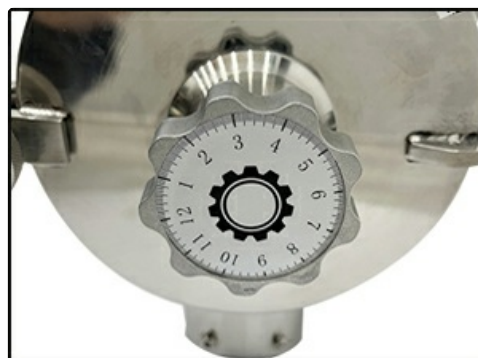


Image 6.2: Internal view of the grinding chamber, showing the grinding discs and mechanism responsible for pulverizing materials.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Machine does not start.	No power supply; Power cord not connected; Emergency stop engaged.	Check power connection; Ensure outlet is functional; Disengage emergency stop.
Machine stops during operation.	Overload protection activated; Motor overheating.	Reduce material load and restart; Allow machine to cool down; Clear heat dissipation vents.
Grinding fineness is inconsistent.	Incorrect fineness setting; Worn grinding discs.	Adjust the fineness knob; Inspect and replace grinding discs if necessary.
Unusual noise during operation.	Foreign object in grinding chamber; Worn components.	Immediately stop the machine, unplug, and inspect the grinding chamber for foreign objects. If noise persists, contact customer support.

Note on Videos: No official product videos were available in the provided data for embedding in this manual.

8. SPECIFICATIONS

Feature	Detail
Brand	TECHTONGDA
Model	B08FBTG5T8
Material	Stainless Steel
Production Capacity	30-60kg/h (66-130lb/h)
Adjustable Fineness	50 to 150 mesh
Motor Power	2200W
Rotary Speed	1500r/min
Voltage	110 Volts
Frequency	60Hz
Item Weight	115 pounds
Package Dimensions	29 x 14 x 13 inches
UPC	748497541605



Image 8.1: Side view of the TECHTONGDA Commercial Grain Grinding Machine, displaying a label with key specifications such as Item No., Voltage, Rotary Speed, and Power.

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. TECHTONGDA is committed to customer satisfaction.

If you encounter any issues or require assistance with your TECHTONGDA Commercial Grain Grinding Machine, please contact customer support through your purchase platform or the official TECHTONGDA website. When contacting support, please have your model number (B08FBTG5T8) and purchase details ready.

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